



Gamma correction nonlinearity

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DJ Hwung, JC Wang, DS Su - US Patent 5,473,373, 1995 - Google Patents

... The combined effect of **gamma correction** and CRT **non-linearity** results in a linearized system, as indicated in HG. 2C, and in Equation (3), as follows: ...[Cited by 18](#) - [Related Articles](#) - [Web Search](#)**Gamma correction circuit and method thereof**

US Patent 5,175,621, 1992 - Google Patents

... showing an embodiment of **agamma correction** circuit according ... the relationship betweenthe **gamma** coefficient  $\gamma$  ... block diagram showing a **nonlinear** quantization ...[Cited by 14](#) - [Related Articles](#) - [Web Search](#)**Gamma correction circuit using analog multiplier - group of 2 »**

SY Yoon - US Patent 5,933,199, 1999 - Google Patents

... is  $D V Q'$  which is at a **nonlinear** portion of ... there is provided a **gamma correction** circuit for making linear the **nonlinearity** electrooptic characteristics ...[Cited by 14](#) - [Related Articles](#) - [Web Search](#)**Gamma correction circuit, a liquid crystal driver, a method of displaying image, and a liquid ... - group of 3 »**

K Tanaka, M Oshiro, T Onodera, K Kishida, M ... - US Patent 5,764,216, 1998 - Google Patents

... second **nonlinear**, that is, the characteristic curve has moderate ... the the principle **gamma correction** circuit (a first **gamma** correction ...)[Cited by 17](#) - [Related Articles](#) - [Web Search](#)**Dynamic gamma correction circuit for use in image projectors - group of 3 »**

JG Hagerman - US Patent 5,461,430, 1995 - Google Patents

... that implements a **nonlinear** transfer function (gain) that provides for **gamma correction** of **nonlinear** image projectors. The **nonlinearity** of the transfer function ...[Cited by 10](#) - [Related Articles](#) - [Web Search](#)

**Frequently Asked Questions about Gamma - group of 122 »**

C Poynton - <ftp://ftp.inforamp.net/pub/users/poynton/doc/colour/> ... - [dai.ed.ac.uk](http://dai.ed.ac.uk)  
... to intensity is effectively the inverse of a CRT's **nonlinearity**. ... 6. What is **gamma correction**? ... linear-light intensity is transformed to a **nonlinear** video signal ...  
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**Brightness control system for CRT video display - group of 2 »**

JS Prince, HL Herz, EP Coleman Jr - US Patent 4,589,022, 1986 - Google Patents  
... logarithms. The **gamma correction** amplifier is of the **nonlinear** type and drives a video driver amplifier to drive the CRT cathode. The ...  
[Cited by 16](#) - [Related Articles](#) - [Web Search](#)

**Gamma correction of digital video data by calculating linearly interpolated gamma correction values - group of 2 »**

MA Kutner - US Patent 4,786,968, 1988 - Google Patents  
... 2. Background Art  $d=xx'=x-x y$ . "Gamma Correction" is the **nonlinear** expansion or compression of video signals. This **correction** is often 15 ...  
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